30

36

32

34

14

10

F

R

15

16

20

ENGINE

24

40

ECM
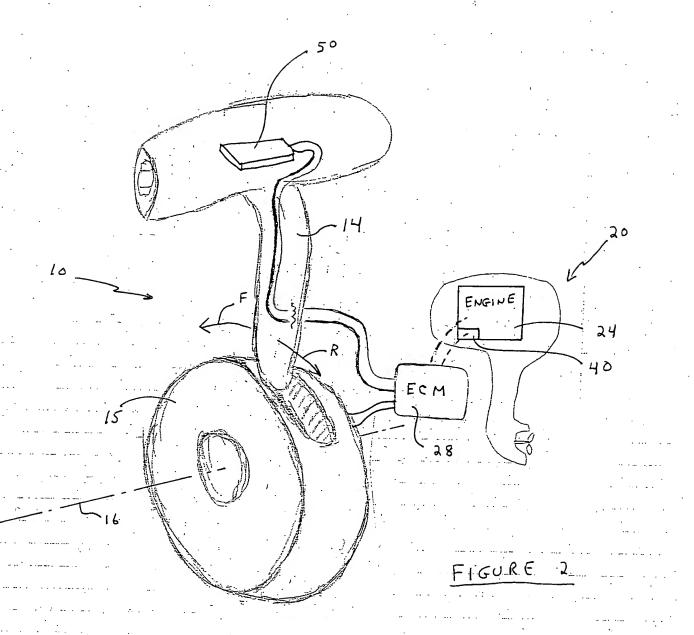
28

FIGURE 1

50

14

10

F

20

ENGINE

24

40

R

15

ECM

28

16

FIGURE 2

FIGURE 3

60

ACTUAL ENGINE SPEED

VIBRATION FREQUENCY